

NASA STI Program



National Aeronautics and
Space Administration

Scientific and Technical
Information Program Office

NASA STI FACT SHEET

The NASA Scientific and Technical Information (STI) Program was established to support the objectives of NASA's missions and research. It is dedicated to the advancement of aeronautics and space science. This program is essential to help NASA avoid duplication of research by sharing information and to ensure that the U.S. maintains its preeminence in aerospace-related industries and education. The NASA STI Program acquires, processes, archives, announces, and disseminates both NASA's internal STI and world-wide STI of critical importance to NASA and the Nation.

STI is defined as basic and applied research results from the work of scientists, engineers, and other technical and management personnel. STI is made available in paper, film and microfiche, multimedia, and electronic media.

The STI Program is a critical component in the worldwide activity of scientific and technical aerospace research and development. Collected from U.S. and international sources, STI is organized via its content prior to being added to the STI Database. The STI Database is a world-class collection of STI that includes more than 3 million bibliographic records.

The STI Program manages the activities of the NASA Center for AeroSpace Information (CASI) in Maryland. CASI is NASA's archiving and dissemination facility, and provides a wide variety of products and services, in various media and platforms.

For further information

- Visit the STI Program website at **<http://www.sti.nasa.gov>**
- Contact CASI at the NASA STI Help Desk via
E-mail: **help@sti.nasa.gov**
Fax: **301-621-0134**
Telephone: **301-621-0390**
- Visit the Lead Center website at **<http://stipo.larc.nasa.gov/>**
- Contact the Lead Center STI Program Office via
E-mail: **sti+leadcid@larc.nasa.gov**
Fax: **757-864-7604**
Telephone: **757-864-5047**

NASA STI Program

- Helps provide the widest appropriate dissemination of NASA research results
- Is essential in helping the U.S. maintain leadership in aerospace
- Provides a mechanism to help NASA avoid duplication of research dollars

Components of the STI Program include

- NASA Headquarters STI (responsible for policy and oversight)
- NASA STI Program Office (Lead Center for STI Program)—located at Langley Research Center, Hampton, Virginia (STI Program Office is responsible for program implementation)
- Center for AeroSpace Information (CASI) in Maryland
- NASA STI Program at all 12 NASA centers

STI Program as critical component in the aerospace community

- Collects STI from 12 NASA centers
- Acquires STI from over 50 countries worldwide
- Maintains largest collection of aerospace STI in the world
- Provides worldwide access to STI that increases productivity and minimizes duplication of research

STI Program Mission

- Supports the advancement of aerospace knowledge
- Contributes to U.S. competitiveness in aerospace research and development



SCIENTIFIC &
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What is the NASA Center for AeroSpace Information (CASI) ?



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The NASA Center for AeroSpace Information (CASI), in Maryland, has been at the core of the NASA Scientific and Technical Information (STI) Program for more than 35 years. Simply stated, CASI is a mixture of people and systems that interact to acquire, process, archive, announce, and disseminate STI.

All STI is input into the NASA STI Database—a worldwide database containing more than 3 million records. Records are managed in accordance with established procedures.

CASI offers a wide variety of services and products; NASA, government agencies, and contractors can register free of charge in order to benefit from the extensive worldwide collection of STI. CASI maintains a World Wide Web home page that also allows you to access information and products electronically.

Contact the NASA STI Help Desk at CASI for more information or to register for NASA STI services and products.

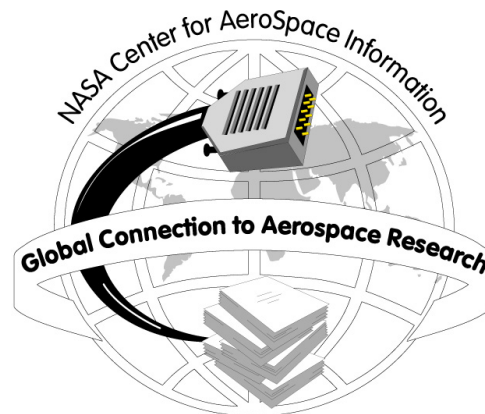
NASA STI FACT SHEET

CASI

- Acquires STI that is essential to NASA in avoiding duplication of research and maintaining U.S. preeminence in aerospace
- Acquires, processes, archives, announces, and disseminates NASA and worldwide STI
- Maintains the STI Database of more than 3 million bibliographic records
- Offers a wide array of electronic services and products via the Internet
- Provides free registration to NASA, government agencies, and contractors. Others may continue their visit on the STI home page
- Provides the NASA STI Help Desk to help you locate and obtain STI

For further information

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NASA STI Program Products and Services



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The NASA Scientific and Technical Information (STI) Program offers many products and services to the aerospace community and to the public. Free registration with the program is available to NASA, government agencies, and contractors through the NASA Center for AeroSpace Information (CASI). Others should continue their visit at www.nasa.gov and also check the NASA STI home page at www.sti.nasa.gov. Based on organizational affiliation, each registered user has various levels of access to the STI maintained by the program. The network of information specialists at CASI provides value-added STI in a variety of ways. Following is a list of some of the products and services that can be obtained through the STI Program website or by contacting CASI. The Internet URL and NASA STI Help Desk e-mail address and phone number are listed at the bottom of the page.

Products

NASA STI Report Series including

- Technical, Conference, and Special Publications
- Technical Memoranda
- Contractor Reports
- Technical Translations

Regularly released announcement bibliographies including

- *Scientific and Technical Aerospace Reports (STAR)*
- *Aerospace Medicine and Biology*
- *Aeronautical Engineering*
- Selected Current Awareness Notices (SCAN)
- *AGARD and RTO Reports*
- *NASA Patent Abstracts*
- *NASA Video Catalog*
- *AGARD Index of Publications*

Other regularly released publications including

- *STI Bulletin*
- *NASA Thesaurus and Supplements*
- *Spinoff*
- University Programs Report

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Services

STI Program World Wide Web services

- Internet access to the NASA STI Database
- Internet access to the Spinoff Database
- Online ordering of documents
- Online ordering of NASA videos
- Internet access to the NASA Image eXchange (NIX)

Other services

- Automatic and on-demand document distribution
- Custom bibliographies
- Custom thesauri
- Custom database creation/maintenance
- Specialized indexing
- Database search training and support
- Reference services
- NASA STI Help Desk (STI assistance)
- Archiving of NASA STI Report Series documents

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Benefits of Publishing Through the NASA STI Program



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The benefits of publishing and archiving your NASA scientific and technical information (STI) via the NASA STI Program are important to you as a NASA employee, as an author, and as a user of STI. These advantages include domestic and international announcement of your work to such organizations as AIAA, through DIALOG (a leading database vendor), and wide dissemination through the Government Printing Office (GPO) and the National Technical Information Service (NTIS). In addition, your work is made available to the public, U.S. business and industry, academia, and to other government agencies. It will also be included in the NASA STI Database, which contains more than 3.5 million citations of significant worldwide STI. This database uses subject classification and NASA Thesaurus standardized terms and indexing for powerful and quick search and retrieval. Your work will also be archived and maintained in a location that allows for managed access and dissemination through registration and exchange agreements.

STI has long been considered a competitive advantage in the international and corporate world, and it is now becoming essential to you within a government environment to stay abreast of technology and to show the benefits of your work.

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Publishing and Archiving via the NASA STI Program

- Increases exposure by announcing NASA STI to a larger population of users (showing evidence of success by citation in journal literature and other STI literature)
- Gives proof of progress by publishing individual program accomplishments, thereby helping gain additional funding
- Enhances and documents individual center's productivity (division/branch/team) through STI
- Announces your document in the STI Database and makes it available for greater national and international dissemination
- Provides controls for dissemination of NASA STI through export control reviews and subsequent dissemination or restriction based on this review
- Distributes your information beyond NASA and your immediate peer group
- Ensures your document or media is sent to the National Archives and Records Administration, NTIS, and Depository Libraries through GPO, as required by law
- Has an additional benefit by providing a NASA Help Desk so users can find and obtain your NASA STI
- Archives your document to ensure knowledge preservation and longer life. Some of these NASA data collections date back to 1917



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What is the NASA Image eXchange (NIX) ?



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The NASA Image eXchange (NIX) was established in May 1997 and is sponsored by the NASA Scientific and Technical Information (STI) Program. It is a database of photographic digital images and QuickTime™ animation and video available to NASA and the public. NIX currently links the internal digital image databases of seven NASA centers, and has an estimated 500,000 images. Though not all NASA images are available through NIX, images are actively being added as they become available through the various centers and programs.

Response to NIX has been overwhelmingly positive. In fact, it has been chosen as a NASA "Cool Picks" by the NASA Spacelink.

NIX provides you with a variety of search options, returns information that allows you to choose material of specific interest, links to the centers that store the images, gives ordering instructions, and explains basic copyright provisions.

The STI Lead Center Information Desk will respond to your NIX-related inquiries within one day. It may refer you to appropriate NASA offices for other STI or NASA-related matters.

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NIX

- Provides access to more than 500,000 NASA images and QuickTime™ animation and video
- Accessible via the World Wide Web
- Provides a boolean search engine using keywords
- Provides personal service and help via the STI Lead Center Information Desk
- Has a Comments/Questions Feedback Form at <http://stipo.larc.nasa.gov/form.html>
- Listed as a NASA "Cool Picks" at <http://spacelink.nasa.gov/Spacelink.Cool.Picks/.index.html>

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